

इंटरनेट

मानक

Disclosure to Promote the Right To Information

Whereas the Parliament of India has set out to provide a practical regime of right to information for citizens to secure access to information under the control of public authorities, in order to promote transparency and accountability in the working of every public authority, and whereas the attached publication of the Bureau of Indian Standards is of particular interest to the public, particularly disadvantaged communities and those engaged in the pursuit of education and knowledge, the attached public safety standard is made available to promote the timely dissemination of this information in an accurate manner to the public.

“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

IS 7939 (1976): Flare nut wrench, double ended, flat [PGD
5: Assembly Hand Tools]



“ज्ञान से एक नये भारत का निर्माण”

Satyanarayan Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”

BLANK PAGE



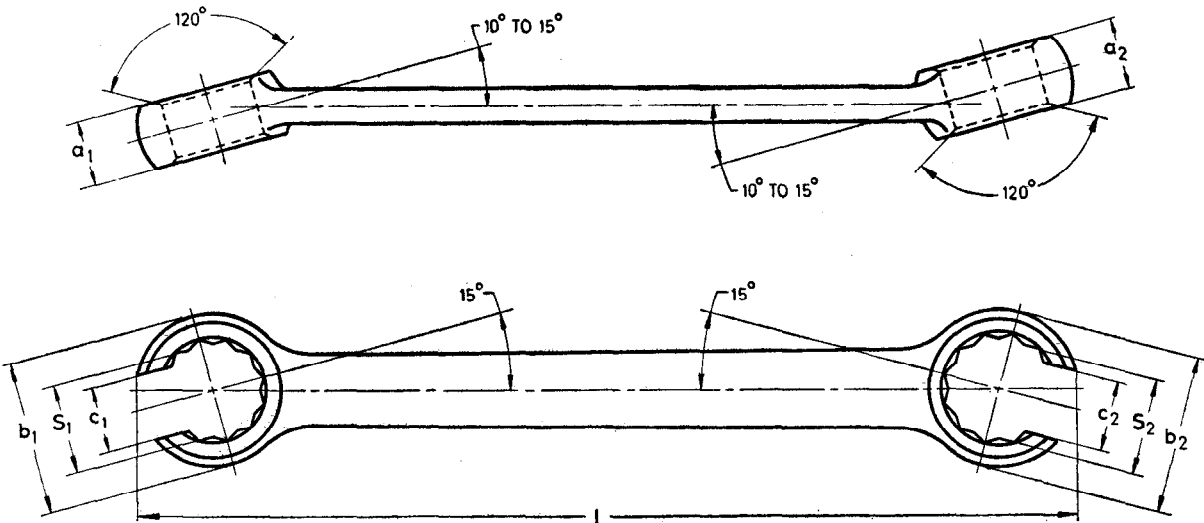


Indian Standard

SPECIFICATION FOR
FLARE NUT WRENCH, DOUBLE ENDED, FLAT

1. Scope — Covers requirements for flare nut wrench, double ended, flat.

2. Dimensions



All dimensions in millimetres.

Width Across Flats $S_1 \times S_2$	a_1 Max	b_1 Max	c_1 Min	a_2 Max	b_2 Max	c_2 Min	l	
							Max	Min
8 × 10	7	18	6	8.5	20	7	145	115
10 × 11	8.5	20	7	9	22	8.5	155	125
(10 × 12)	8.5	20	7	9.5	24	9	165	135
11 × 13	9	22	8.5	10.5	26	10	175	145
12 × 14	9.5	24	9	11	28	11	180	150
14 × 17	11	28	11	12	30	14	200	160
17 × 19	12	30	14	14	32	15	220	180
19 × 22	14	32	15	16	38	17	235	195
22 × 24	16	38	17	17	42	18	265	205
24 × 27	17	42	18	18	46	20	280	230
30 × 32	21	50	22	23	52	24	310	250

Note — The bracketed size is non-preferred.

2.1 Tolerances on Width Across Flats — According to IS : 2027-1967 ' Specification for widths across flats for spanners (first revision) ' as specified for forged and subsequently machined spanners.

3. Material — Suitable steels meeting the requirements laid down in 4.

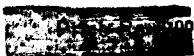
Examples:

21Cr1Mo28 and 50Cr1V23 of IS : 1570-1961 ' Schedules for wrought steels for general engineering purposes '.

4. Hardness, Workmanship and Finish, Tests and Sampling — According to IS : 6131-1971 ' Technical requirements for hand operated wrenches (spanners) and sockets ' . The torque test shall conform to Series C of IS : 6131-1971.

Adopted 29 January 1976

© March 1976, ISI



Gr 1

5. Designation — A flare nut wrench, double ended having width across flats $S_1 = 12$ mm and $S_2 = 14$ mm shall be designated as:

Wrench 12 × 14 IS : 7939

6. Marking — Wrenches shall be legibly and indelibly marked with the width across flats, manufacturer's name, initials and/or recognized trade-mark.

6.1 ISI Certification Marking — Details available with the Indian Standards Institution.

EXPLANATORY NOTE

While preparing this standard assistance has been derived from DIN 3118-1970 'Offene Doppelringschlüssel, mit ungleichen Schlüsselweiten, prüfchelmomente nach Reihe C (Double ended flat flare nut ring wrenches with unequal openings; test torque series C)' issued by Deutsches Institut für Normung.